

ABSTRACT

Title: - A COMPARATIVE STUDY OF POST TURP OUTCOME AND COMPLICATIONS BETWEEN BPH PATIENTS PRESENTING WITH OR WITHOUT ACUTE URINARY RETENTION

Introduction: - The prevalence rate of AUR in men with BPH is reported as high as 53%. Higher mortality and morbidity rates following TURP have been reported in previous studies. In our study we tried to analyze the post TURP complications between patients presenting with and without AUR

Aim and objective of the study: - To compare the post TURP outcome and complications of BPH patients presenting with and without AUR.

Materials and methods:-This is a prospective study. Patients who are admitted in Kilpauk Medical College and Govt Royapettah Hospital with LUTS due to BPH with and without AUR are included in the study. The study period was between January 2014 to December 2014, and totally 126 patients participated in this study, 74 with AUR and 52 AUR. Patients evaluated with History & Physical examination, DRE, USG KUB, and Uroflow & PVR. Patients who were more than 70 years, men with neurological disease, prostate cancer, urethral stricture, previous prostate or urethral surgery were excluded from this study. All patients were subjected to TURP using monopolar current with water as irrigation fluid.

Post operative variables like TUR syndrome, persistent haematuria, need of blood transfusion, Post op UTI, sepsis, recatheterisation rate, resurgery, post op stricture, LUTS, Q max, PVR and length of hospital stay were compared between these groups

Results:-

Our study shows that the complications rate were more with patients who presented with AUR. Out of the above said complications, post op UTI, recatheterisation rate and length of hospital stay were significantly higher in AUR group.

Conclusion:-

It is better to intervene earlier before the patients develop AUR in order to minimize the complications and to maximize the outcome.

Keywords:-

Acute urinary retention, benign prostate hyperplasia, transurethral resection of prostate, postoperative complication.